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a first contact arranged in the vaporizer casing, the first contact being mounted on a flexible member for movement into and out of the vaporizer casing, the flexible member being biased to normally position the first contact within the vaporizer casing;

a second contact arranged in the anaesthetic vaporizer cassette; and

wherein one of the first contact and the second contact includes a magnetic member such that when the vaporizer casing and the anaesthetic vaporizer cassette are moved close together, the magnetic force of the magnetic member moves the first contact out of the vaporizer casing against the bias of the flexible member and into contact with the second contact.

8. The connector arrangement of claim 7 wherein the direction of motion of the first contact is parallel to the direction of motion of the first module unit relative to the second module unit.

9. An electrical connector arrangement connecting anaesthetic devices having an anaesthetic vaporizer cassette and a vaporizer casing of an anaesthetic unit integrated to function

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together, wherein data transmission between the anaesthetic vaporizer cassette and the vaporizer casing is carried out by the connector arrangement, the connector arrangement comprising:

a first contact arranged in the anaesthetic vaporizer cassette, the first contact being mounted on a flexible member for movement into and out of the anaesthetic vaporizer cassette, the flexible member being biased to normally position the first contact within the anaesthetic vaporizer cassette

a second contact arranged in the vaporizer casing; and

wherein one of the first contact and the second contact includes a magnetic member such that when the anaesthetic vaporizer cassette and the vaporizer casing are moved close together, the magnetic force of the magnetic member moves the first contact out of the anaesthetic vaporizer cassette against the bias of the flexible member and into contact with the second contact.

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